

Faraz Ali

Data Scientist, Deep Learning Engineer




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Education

- 2020 – Present  **B.S Computer Science, Habib University**
CGPA: 3.76/4.00
Thesis Title: *LipSync Voice in Urdu for Aphonia Patients*
Concentration: *Deep Learning and Data Science.*
- 2018 – 2020  **Cambridge General Certificate of Education Advanced level (AL), Cedar College, Karachi** in Computer Science
Grade: 4A*, High Achiever
- 2015 – 2018  **Cambridge General Certificate of Education Ordinary Level (OL), Beaconhouse Jubilee Campus, Karachi** in Computer Science
Grade: 7A* 4A, Gold Medalist and Valedictorian

Work Experience

- July 2023 – Present  **Web Manager** at Heuser **Karachi, PK**
Initial Development of the website using Kajabi and Overseeing and managing online course platform, handling backend tasks like member management and content updates.
- Dec 2023 – Present  **Data Science Research Assistant** **London, UK**
Collaborating on a Ph.D. research project, I lead data curation, collection, and cleaning efforts. Currently, I am developing Machine Learning models for effective analysis of sentiment in annual reports from 172 UK-based public companies. Tasks include predictive modeling with multiple variables and basic statistical analysis and EDA.
- April 2022 – Present  **Graphic Designer** **Freelance**
Working as a freelance graphic designer specialising in Product Photo editing for ecommerce stores.
- Aug 2020 – April 2022  **Teaching Assistant for Computer Science** at Cedar, Nixor, Sceptre **Karachi, PK**
Collaborated with A-level Computer Science Teacher Sir Zain Merchant, assisting in the creation, checking, and management of assignments and tests. Organized weekly tutorial classes and actively engaged in teaching Python to students.
- June 2021 – October 2021  **Graphic Designer** at Vality Studio **Karachi, PK**
Coming up with unique graphic designs for clients. Brainstorming innovative ideas for the company's official website. Worked along with the brand's content team.
- September 2019 – March 2020  **Peer Tutor Computer Science** at Cedar College **Karachi, PK**
Appointed as official peer tutor for AL Computer Science at Cedar College. My tasks involved teaching and carrying out daily office hours to teach and solve any query related to the subject matter.

Awards and Achievements

- 2023  **Secured Third Position in ACM Data Science Competition**, at Fast University

Awards and Achievements (continued)

- 2022
 - Secured Third Position in ICPC Global Programming Contest Qualifying Round 2022, 13th all over Pakistan
 - Secured 2nd Runner's up in Hackathon, organized by SastaTickets.pk
 - Dean's List Fall 2022, at Habib University
 - Runner-up in Speed Debugging Competition by Brain.hack(), at Habib University
 - Runner-up in Speed Programming Competition by IEEE 2022 at NED University
- 2020
 - 80% Merit Scholarship for Undergraduate at Habib University
 - High achiever AL with 4A* at Cedar College
- 2018
 - 100% Merit Scholarship for AL at Cedar College
 - Gold Medalist and Valedictorian OL at Beaconhouse School System, Jubilee Campus.

Projects

- LipSync Voice for Aphonia Patients in Urdu
- Sindhi Poet Classification using Deep Learning
- Human vs AI ludo using Temporal Difference and Reinforcement Learning
- JetLagEase: YOLO-based AI for personalized fatigue assessment and travel advice
- Loan Data Prediction using Random Forest and Decision Trees
- Identifying the Dynastic behaviour in Pakistani Politics using Social Network Analysis
- Real-time Motion-Control-Ping-Pong-Game-on-FPGA-Verilog
- Carpool Application using Flutter

Skills

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| Languages | ■ Strong reading, writing and speaking competencies for English, and Urdu. |
| Coding | ■ Python, C, C++, SQL, \LaTeX , ... |
| Databases | ■ MySQL, MongoDB, Neo4j |
| Data Science | ■ Numpy, Pandas, Sklearn, Pytorch, Tensorflow, Keras, NLP, OpenCV, Matplotlib, NLTK, Seaborn, Statsmodel. |
| Project Management | ■ JIRA |
| Misc | ■ GitHub, Academic research, teaching, public speaking. |